



## Construction Management: Building a Framework for Excellence

Managing the construction of complex facilities has been a core strength since the day we opened our doors. We have completed more than \$1 billion of in-place technically based construction in the United States and Puerto Rico alone, ranging from major master-planned expansions to small-scale research, healthcare or manufacturing renovations. In addition, our experience in both design/engineering and construction gives us significant insight into project team dynamics and workflows from all perspectives, so we are particularly adept at aligning objectives and practices among all team members. From start of construction to start-up and commissioning through project close-out, we keep a tight rein on schedules and budgets, and our construction management team uses lean tools and techniques to reduce waste and build value at every opportunity.

From establishing the bridge to pre-design to procurement through construction and occupancy, our team has the experience to coordinate multiple concurrent activities. Combining critical tasks from pre-construction through the multi-disciplinary design process collaboration, our CM experts apply their knowledge to the entire project execution process.

Since 1989, IPS has delivered more than a thousand successful projects for clients around the globe. We specialize in complex facilities in high-tech and highly regulated industries, and our experience spans the entire project lifecycle. Whether you choose a bundled program or construction services, our broad perspective enables us to see and recommend innovative strategies to save you time and money.

- Design/Build
- Construction Management
- Preconstruction
- Estimating Procurement
- Construction Execution
- Scope Change Control
- Risk Management
- Safety / HazOp Consulting
- Earned Value Reporting
- Project Status Reporting
- Safety Quality Control
- Start-up/Commissioning Support
- Project Close-out

### Key Program Deliverables

- Monthly Reports
- Master Program Participant List
- Master Program Schedule
- Master Procurement Report
- Master Cost Summary
- Resource Plan
- Safety Summary
- Scope and Change Management Report
- Value Engineering Log
- Closeout Log
- Master Cash Flow
- Master Decision Authority Matrix

### Key IPS Value Add

- Utilizing our \$GMP approach, we completed a cost effective renovation, establishing initial cGMP manufacturing operations for an implant device.
- By completing an overall operational capacity analysis for a novel dosage manufacturing fit-out, we limited capital expenditures while achieving client manufacturing capacity requirements.
- In an existing facility, renovations impacted all facets of current mixing and coating operations. We maximized underutilized space and developed/executed a construction sequence which resulted in only a single week of disruption to ongoing manufacturing operations.